⊃leas		erwork R	de this box \longrightarrow $+$ eduction Act of 1995, no persons a nber.	Patent and Trademark Office:	U.S.	PTO/SB/01 (12-97) hrough 9/30/00. OMB 0651-0032 DEPARTMENT OF COMMERCE n of information unless it contains				
				Attorney Docket Numb	oer	I-2-165.1US				
D	ECLARA		FOR UTILITY OR SIGN	First Named Inventor		John W. Haim				
	PΔTF		PPLICATION	COMPLETE IF KNOWN						
			FR 1.63)	Application Number						
_			_	Filing Date						
X	Declaration Submitted with Initial Filing	^=	Declaration Submitted after Initial	Group Art Unit						
			Filing (surcharge (37 CFR 1.16 (e)) required)	Examiner Name			ر			

As a below named inventor, I hereby declare that:											
My residence, post office address, and citizenship are as stated below next to my name.											
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:											
FAST ADAPTIVE POWER CONTROL FOR A VARIABLE											
MULTIRATE COMMUNICATIONS SYSTEM											
the specification of which (Title of the Invention)											
is attached hereto											
	OR was filed on (MM/DD/YYYY) as United States Application Number or PCT International										
Application Number	Application Number and was amended on (MM/DD/YYYY) (if applicable).										
I hereby state that I have reviewed a	nd understand the	contents of the above id		n, including the claims, as							
amended by any amendment specific	cally reterred to abo	ove.									
I acknowledge the duty to disclose in	formation which is	material to patentability	as defined in 57 Or	-rt 1.50.							
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which pnority is claimed.											
Prior Foreign Application	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached? YES NO							
Number(s)	- Country	Inna por i i i i									
			<u> </u>								
Additional foreign application num	bers are listed on a	ı supplemental priority d	ata sheet PTO/SB/	02B attached hereto:							
I hereby claim the benefit under 35 t			nal application(s) li:	sted below.							
Application Number(s)		e (MM/DD/YYYY)									
60/221,348 07/26/2000 Additional provisional app											
60/221,348 07/202000 G0/223,375 08/07/2000 numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.											

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box -	1	

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.												
U.S. Parent Application or PCT Parent Parent Fili Number (MM/DD/									P		t Patent Nu <i>f applicable</i>	
Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.												
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Pater												
and Trademark	Office cor	nected therewit	h: 🗶	Customer Numl	ber	24	1374		>	1	Number Bar C	ode
				<i>OR</i> Registered prac	ctitioner(s)	name/	registratio	n number list	ted below	느	Label here	
	Name			Regist Num				Name	е		Registr Num	
Namely, the	Name Attorneys			Num	inei							
Volpe and K												
Additional r	egistered	practitioner(s) n	amed o	n supplemental	Registere	ed Prac	titioner Info	ormation she	et PTO/SE	3/02C	attached hereto).
Direct all corre		nce to: 🔀 (Custom	er Number Code Label		2437		OR			ndence addre	
Name	VOL	PE AND K	OENI	G, P.C.	EPT I	CC						
Addross			.,,									
Address												
Address						T_{α}			710			
City				7			tate		ZIP			
Country				Telephor			us and the	at all statem	Fax	on ir	nformation and	belief are
believed to be punishable by	true; and fine or in	statements ma further that the prisonment, or issued thereon.	ese state both, u									
Name of So	ole or F	irst Invento	r:				A petition	n has been	filed for t	his ur	nsigned inven	tor
G	iven Nan	ne (first and m	iddle [i	f any])				Family	/Name o	r Sur	name	
		John '	W	1					Hair	n ,		
Inventor's Signature Date 7/								1/1/01				
	Residence: City Baldwin State NY						Country US Citizenship US					ÚS
Post Office A	ddress	1848 Lo	ngfel	low Stree	et							
Post Office A	Address											
City		Baldwin	State	NY	ZI	Р	115	510	Count	ry	US	3
Additional inventors are being named on thesupplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto												

Express Mail Label No. EL719433149US

Please type a plus sign (+) inside this to Under the Paperwork Reduction a valid OMB control number.		Potent and Tradema	ark Office: U.S.	rough 9/30/00. OM	COMMERCE					
		Attorney Dock	et Number	I-2-165.2US						
DECLARATION FOI DESIGN		First Named In	First Named Inventor John W. Haim							
PATENT APPL		C	COMPLETE IF KNOWN							
(37 CFR 1		Application Nur	nber		_					
	•	Filing Date								
Submitted OR S	eclaration ubmitted after Initial	Group Art Unit								
Filing (3	ling (surcharge 7 CFR 1.16 (e)) quired)	Examiner Nam	e							
As a below named inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name. I believe I am the onginal, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: FAST ADAPTIVE POWER CONTROL FOR A VARIABLE MULTIRATE COMMUNICATIONS SYSTEM the specification of which (Title of the Invention) is attached hereto OR was filed on (MM/DD/YYYY) as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.										
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claime	Certified Cop	y Attached? NO					
Hambertoy					0000					
☐ Add₁tional foreign application	numbers are listed on a	supplemental priority da	ta sheet PTO/S	B/02B attached here	eto:					
I hereby claim the benefit under	35 U.S.C. 119(e) of an	United States provision	al application(s) listed below.						
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Application Number(s) 60/221,348 60/223,375 08/07/2000 Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.										

[Page 1 of 2]
Burden Hour Statement. This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

	Γ.
Please type a plus sign (+) inside this box -	+

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.												
		nt Application	n or F				rent Fili	ng Date YYYY)	P		t Patent Nu	
			11,	المنافق د			11.					
Additional	U.S. or PC	CT international a	pplicati	ion numbers are	e listed on	a supp	olemental (priority data s	heet PTO/	'SB/02	B attached he	reto.
As a named inve	entor, I her	reby appoint the t	followir	ng registered pr	actitioner((s) to pr	osecute th	nis application	and to tra	nsact	all business in	the Paten
and Trademark	Office con	nnected therewith	: X	Customer Numb	ber	24	1374		>	1	Place Custon Number Bar C Label here	Code
	-		끅	Registered prac	tration	, name/	registratio				Regist	tration
Stew-1	Name			Num				Name	<u></u> .		Num	wer
Namely, the Volpe and K	oenig, P.C									***		
Additional r	egistered	practitioner(s) na	med o	n supplemental	Registere	ed Prac	titioner Inf	ormation she	et PTO/SB	/02C a	attached heret	0.
Direct all corre		nce to: 🕱 C	ustom	ner Number Code Label		2437						
Name	VOL	PE AND KO	DENI	G, P.C. [DEPT I	CC						
Address												
Address City			<u>_</u>			_[s	itate		ZIP			
Country				Telephor	ne				Fax			
I hereby declar believed to be punishable by	true; and fine or im	I statements mad I further that thes opprisonment, or to tissued thereon.	te here se stat both, u	ein of my own I	knowledge	are tr the kn d that	ue and the owledge to such willfu	nat all stateme ihat willful fals ul false state	ents made	e on in ents a y jeop	nformation and and the like so ardize the val	d belief are made are lidity of the
Name of S	ole or F	irst Inventor	\mathbf{l}				A petition	n has been	filed for th	his un	nsigned inver	ntor
G	iven Nan	ne (first and mi	ddle [i	f anyl)		1	Family Name or Surname					
		John V	Λſ	1 1		\perp			Hair	n		
Inventor's Signature		All	<u>D</u>	100				T		\perp	Date	7/11/01
Residence:	City	Bald	win	State	NY		Country	(JS	\perp	Citizenship	US
Post Office A	lddress	1848 Lor	ngfe	llow Stree	et							
Post Office A												
City		Baldwin	State	NY	Z	IP .	11:	510	Count	ry	U	S
Additions	Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached here										hed heret	